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(54) **SYSTEM AND METHOD FOR VERIFICATION OF REMOTE SPARES IN A COMMUNICATIONS NETWORK WHEN A NETWORK OUTAGE OCCURS**

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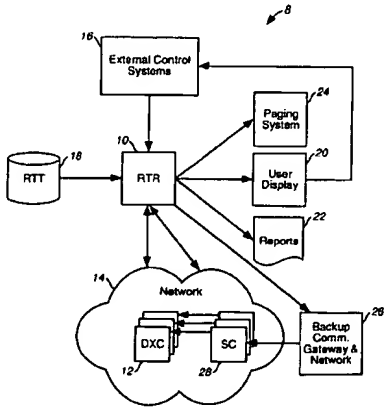
(57) **ABSTRACT**

A system and method are disclosed for verifying spare capacity in a communications network comprising a database containing the configuration of switching elements within the network and a plurality of instructions resident on a memory device for operating a control computer, wherein the plurality of instructions includes a code segment for generating alarms on the switching elements, a code segment for receiving the alarms from the switching elements, and a code segment for updating the database to reflect the spare capacity based upon the alarms.

21 Claims, 13 Drawing Sheets



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